

PRODUCT DATA SHEET

SOLBERG RE-HEALING RF6 6% Foam Concentrate

RE-HEALING™ RF6 foam concentrate from SOLBERG® is an innovative environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate used to effectively extinguish Class B hydrocarbon fuel fires. Proportioned at 6% solution, SOLBERG RE-HEALING RF6 foam concentrate can be used in fresh, salt or brackish water. SOLBERG RE-HEALING RF6 foam possesses excellent burn back resistance due to its remarkable flow and rapid resealing characteristics. RE-HEALING foam concentrates are formulated using a new high performance synthetic foam technology to replace traditional AFFF, FFFP foam concentrates and older protein and fluoroprotein foams.

APPLICATION

SOLBERG RE-HEALING RF6 foam concentrate is intended for use on Class B hydrocarbon fuel fires. It is not intended for use on Class B polar solvent fuels. The foam can be used to prevent re-ignition of a liquid spill and control hazardous vapors. On Class A fuels, SOLBERG RE-HEALING RF6 foam will improve extinguishment in deep-seated fires. Foam discharge devices such as air aspirating, as well as, non-air aspirating equipment, including standard sprinkler heads, can be used to obtain maximum results. The product is mixed 6 part foam concentrate to 94 parts water. It may also be used as a 6% pre-mix solution. SOLBERG RE-HEALING RF6 foam is compatible with most dry powder (chemical) agents.

PERFORMANCE

Fire Performance

SOLBERG RE-HEALING RF6 foam concentrate has been tested to and meets the fire performance test criteria of European Standard EN 1568 Part 3 and International Civil Aviation Organization (ICAO) Level B.

Foam Proportioning

SOLBERG RE-HEALING RF6 foam concentrate can be proportioned at the proper foam solution percentage using most common proportioning devices such as:

- Eductors
- Inline balance pressure proportioners
- Ratio controllers
- Self-inducting nozzles

STORAGE

The storage temperature range for SOLBERG RE-HEALING RF6 foam concentrate is 35°F to 120°F (1.7°C to 49°C).

When stored in original containers or in manufacturer recommended equipment and within the specified temperature range, the shelf life is 20 years.



TYPICAL PHYSICAL PROPERTIES

at 77 °F (25 °C)

Appearance: Brown liquid

Freezing Point: 23°F (-5°C)
(No quality loss after thawing)

Maximum Storage Temp: 120°F
(49°C)

pH: 7.0 - 8.5

Refractive Index: 1.3650 - 1.3750

Specific Gravity: 1.055 - 1.070

Viscosity: 4500 - 5500 cP*

Sediments: None

*Brookfield Viscometer Spindle #4,
Speed 30 rpm

COMPATIBILITY

SOLBERG RE-HEALING RF6 foam concentrate should not be mixed with other foam concentrates. For questions about compatibility or mixing of foam concentrates, consult Perimeter Solutions Technical Services.

Materials of Construction Capability

SOLBERG RE-HEALING RF6 foam concentrate is compatible with multiple materials of construction such as carbon steel, stainless steel, brass, polyethylene and PVC. Galvanized steel should not be used in direct contact with the foam concentrate. For questions about material compatibility, consult Perimeter Solutions Technical Services.

INSPECTION

SOLBERG RE-HEALING RF6 foam concentrate or pre-mix solution should be inspected annually per National Fire Protection Association (NFPA) Standards 11 and 25. A sample of the foam concentrate should be sent to the manufacturer for quality conditioning testing in accordance to NFPA 11.

ENVIRONMENTAL INFORMATION

SOLBERG RE-HEALING foam concentrates are fluorosurfactant, fluoropolymerfree products for use on Class B hydrocarbon fuels with no environmental concerns for persistence, bioaccumulation or toxic break down.

CERTIFICATIONS

SOLBERG manufactured products are thoroughly inspected and undergo rigorous quality control tests. These evaluations analyse the foam's physical parameters as well as the finished product's fire performance. A Certificate of Analysis (CoA) is issued with every batch.

SOLBERG RE-HEALING RF6 foam concentrate is Approved to European Standard EN 1568 Part 3 and International Civil Aviation Organization (ICAO) Level B.

ORDERING INFORMATION

SOLBERG RE-HEALING RF6 foam concentrate is available in pails, drums, totes and bulk quantities.

Part No.	Description	Approximate Shipping Weight	Approximate Cube
20040	SOLBERG RE-HEALING RF6, 6% Foam, 20 litre (5 gallon) pail	21 kg (45 lb)	0.04 m ³ (1.25 ft ³)
20041	SOLBERG RE-HEALING RF6, 6% Foam, 200 litre (55 gallon) drum	224 kg (495 lb)	0.33 m ³ (11.83 ft ³)
20042	SOLBERG RE-HEALING RF6, 6% Foam, 1000 litre (265 gallon) tote	1118 kg (2465 lb)	1.42 m ³ (50.05 ft ³)
20043	SOLBERG RE-HEALING RF6, 6% Foam, bulk	Call Customer Services	

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